

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/35623

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(B): G06F 17/00 (2007.01)

USPC: 715/863, 715/864

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

USPC: 715/863, 715/864

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
USPC: 370/389; 370/401; 370/466; 709/203; 709/228 (text search - see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PubWEST/USPT.PGPB.EPAB.JPAB;

Search Terms: intuitive, conversion, pda, display

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0023756 A1 (Awamoto et al.) 30 January 2003 (30.01.2003), entire document	1, 3-4, 26, and 45-53
Y		2, 5-25, 27-44
Y	US 6,798,429 B2 (Bradski) 28 September 2004 (28.09.2004), entire document	2, 17, 21-22, 25, 27, and 35-38
Y	US 6,876,368 B2 (Dove, et al.) 05 April 2005 (05.04.2005), entire document	5-9 and 41-44
Y	US 2002/0015064 A1 (Robotham et al.) 07 February 2002 (07.02.2002), entire document	10-22 and 28-40
Y	US 2005/0021642 A1 (Nonaka) 27 January 2005 (27.01.2005), entire document	23 and 24
A	US 6,924,797 B1 (MacPhail) 02 August 2005 (02.08.2005)	1-53
A	US 2004/0104920 A1 (Kawabe) 03 June 2004 (03.06.2004)	1-53

☐ Further documents are listed in the continuation of Box C.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"Z" document member of the same patent family

Date of the actual completion of the international search

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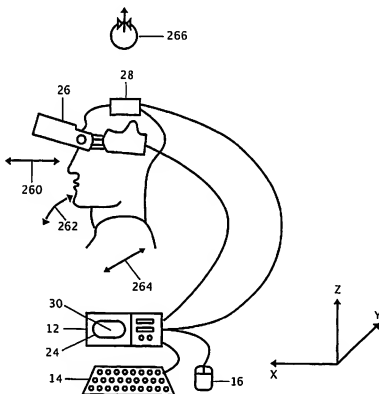
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(54) Title: SYSTEM AND METHOD FOR WIRELESS NETWORK CONTENT CONVERSION FOR INTUITIVELY CON-  
TROLLED PORTABLE DISPLAYS



(57) Abstract: A system and method is described for converting wireless computer network rich content from display frames geared for Internet-connected PCs to display frames which are geared for wireless hand-held devices and sent over a wireless network. Such conversions are specifically for hand-held devices which use a system of instantaneous and intuitive visual access to visual data using motion control. The use of motion-controlled hand-held devices with such a system allows for the elimination of pen or button scrolling and wireless navigating. Frames are specifically converted to match a set of hand-held user preferences, match the display requirements of the device, and implement features which eliminate display problems normally present in hand-held wireless displays.



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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*